	Application No.	Applicant(s)	1
Notice of Allowability	10:661 906 Examiner	SHINO TOMOAKI	
		Art Unit	
	Stephen W. Smoot	2813	
The MAILING DATE of this communication of a claims being allowable, PROSECUTION ON THE MERIT merewith for previously mailed), a Notice of Allowance (PTOL NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENOIS the Office or upon petition by the applicant. See 37 CFR 1	S IS (OR REMAINS) CLOSED in 85) or other appropriate community RIGHTS. This application is su	this application—If not included nication will be mailed in due cours	se THIS
1. This communication is responsive to applicant's amen	ndment filed on 09 March 2005		
2. The allowed clam(s) is/are <u>1-26</u>			
3. The drawings filed on 12 September 2003 and 09 Mar	rch 2005 are accepted by the Exa	miner.	
4. Acknowledgment is made of a claim for foreign priorical All bi Some* c) None of the law All bi Some* c) None of the priority law All bi Some* complete the priority law All bi Some* complete the law All bi Some* complete the priority law All bi Some* complete the law All bi Some* complete the priority l	have been received have been received in Application by documents have been received ATE" of this communication to file ONMENT of this application. Submitted. Note the attached EXA in gives reason(s) why the oath or must be submitted. Sperson's Patent Drawing Review iner's Amendment / Comment or the in the header according to 37 CFR deposit of BIOLOGICAL MATE	in this national stage application for this national stage application for the requirer MINER'S AMENDMENT or NOTIC declaration is deficient (PTO-948) attached In the Office action of the drawings in the front (not the back to 1.121(d)). RIAL must be submitted. Note the	ments CE OF
Attachment(s) 1 Notice of References Cited (PTO-892) 2 Notice of Draftperson's Patent Drawing Review (PTO-9)		ormal Patent Application (PTO-15)	2)
	Paper No /N	Mail Date Amendment/Comment	
3 Information Disclosure Statements (PTO-1449 or PTO/ Paper No /Mail Date			
💠 📃 Examiner's Comment Regarding Requirement for Depo		Statement of Reasons for Allowant	oe .
of Biological Materia:	9 🔲 Other		

High. W. Amerit

Stephen W. Smoot Patent Examiner Art Unit 2813 Application/Control Number: 10/661,906 Page 2

Art Unit: 2813

This Office action is in response to applicant's amendment filed on 09 March 2005.

EXAMINER'S AMENDMENT

- 1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
- 2. The application has been amended as follows:

In the Claims:

In claim 3, line 2, change "crate" to --gate--; and In claim 10, line 4, change "date" to --gate--.

- 3. Claims 1-26 are allowed.
- 4. The following is an examiner's statement of reasons for allowance:
 - Claims 1-9 are allowed because the prior art of record does not teach or suggest.
 in combination with the other claim limitations, a semiconductor device that

Art Unit: 2813

includes a first gate electrode that functions as a gate of a first conductive type of first MOS transistor in a first active area and also functions as a gate of a second conductive type of second MOS transistor in a second active area, wherein an end portion of the first gate electrode projecting from the first active area is obliquely arranged relative to a gate width direction of the first MOS transistor:

- Claims 10-18 are allowed because the prior art of record does not teach or suggest. in combination with the other claim limitations, a semiconductor device that includes a first gate electrode that functions as a gate of a first conductive type of first MOS transistor in a first active area formed in an isolation area and also functions as a gate of a second conductive type of second MOS transistor in a second active area formed in the isolation area, wherein an end portion of the first gate electrode is present in the isolation area and is obliquely arranged relative to an extended direction of the first gate electrode arranged on the first active area; and
- Claims 19-26 are allowed because the prior art of record does not teach or suggest, in combination with the other claim limitations, a semiconductor device with a rectangular unit cell, the unit cell including a first gate electrode that functions as a gate of a first conductive type of first MOS transistor in a first active area and also functions as a gate of a second conductive type of second MOS transistor in a second active area, wherein a longitudinal direction of a diffusion layer on a node side of the first MOS transistor and a long side direction of the unit cell are arranged at an angle of 20 to 30 degrees from each other.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen W. Smoot whose telephone number is 571-272-1698. The examiner can normally be reached on M-F (8:00 am to 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor. Carl Whitehead. Jr. can be reached on 571-272-1702. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).